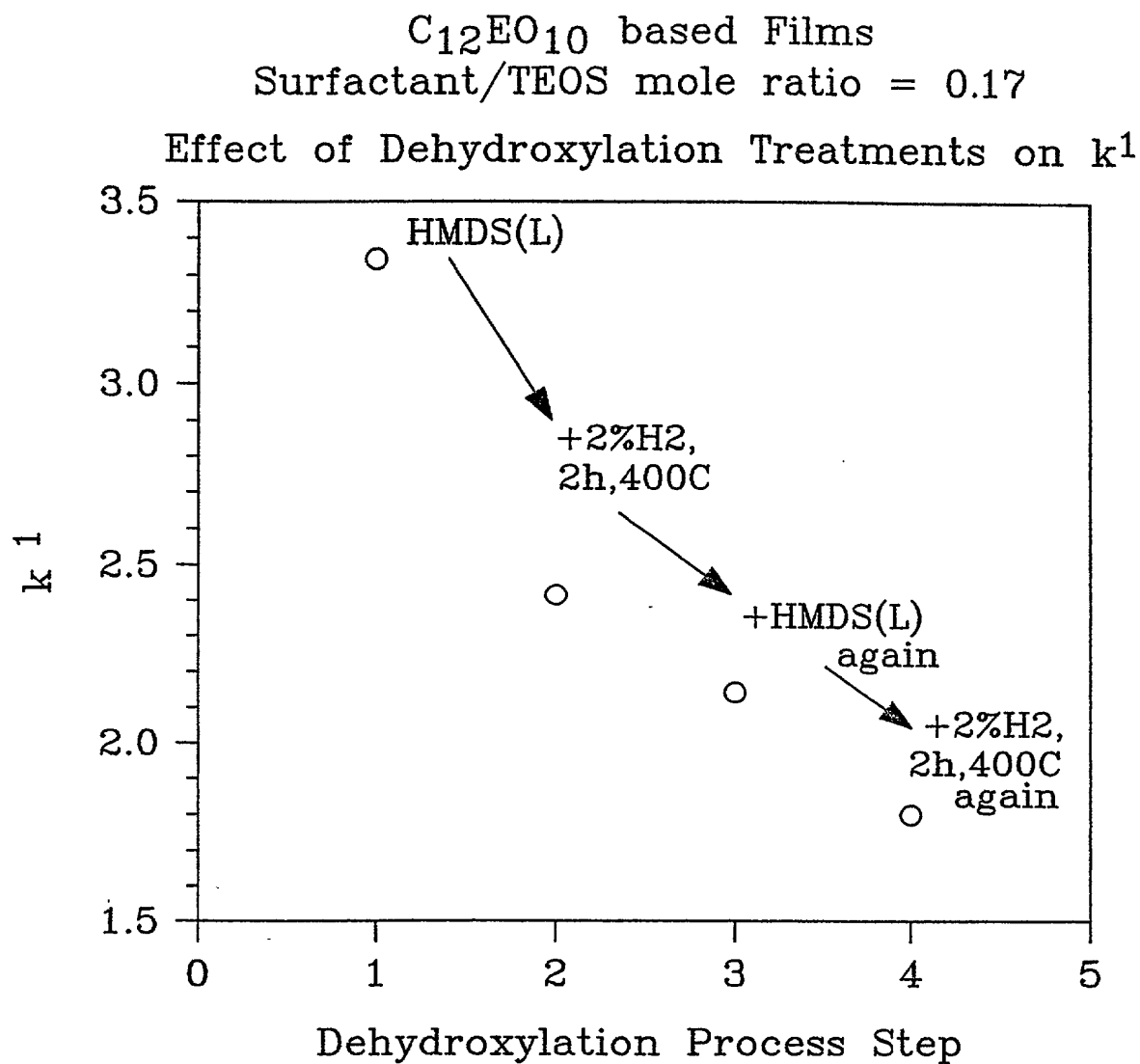
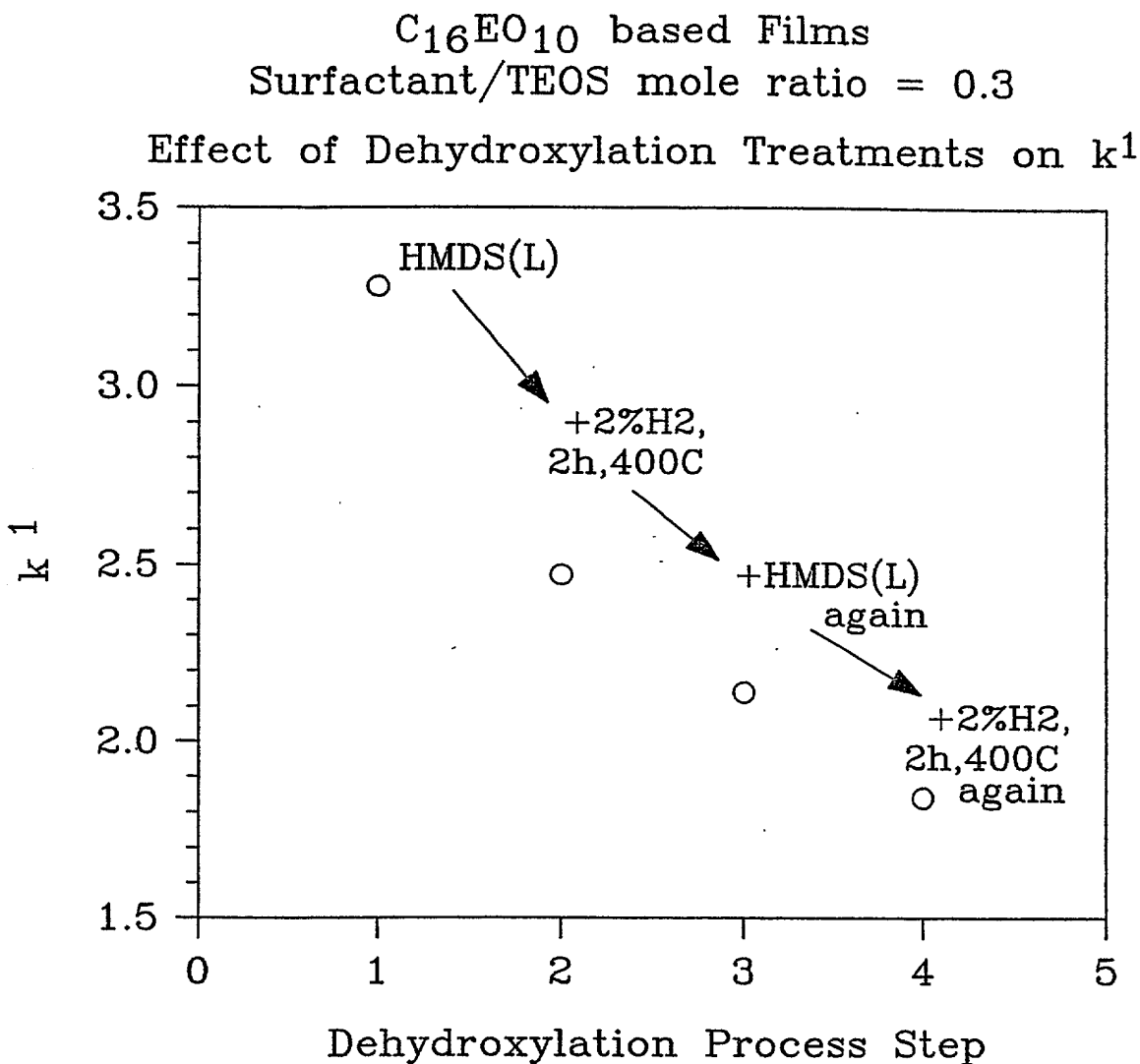


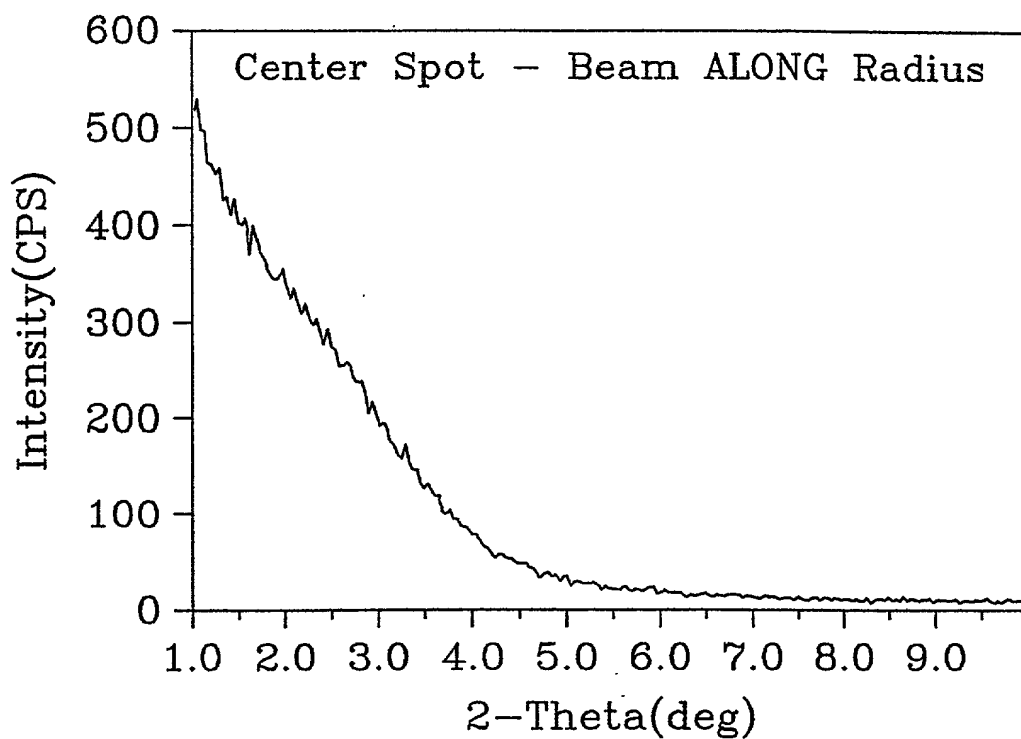
*Fig. 1*



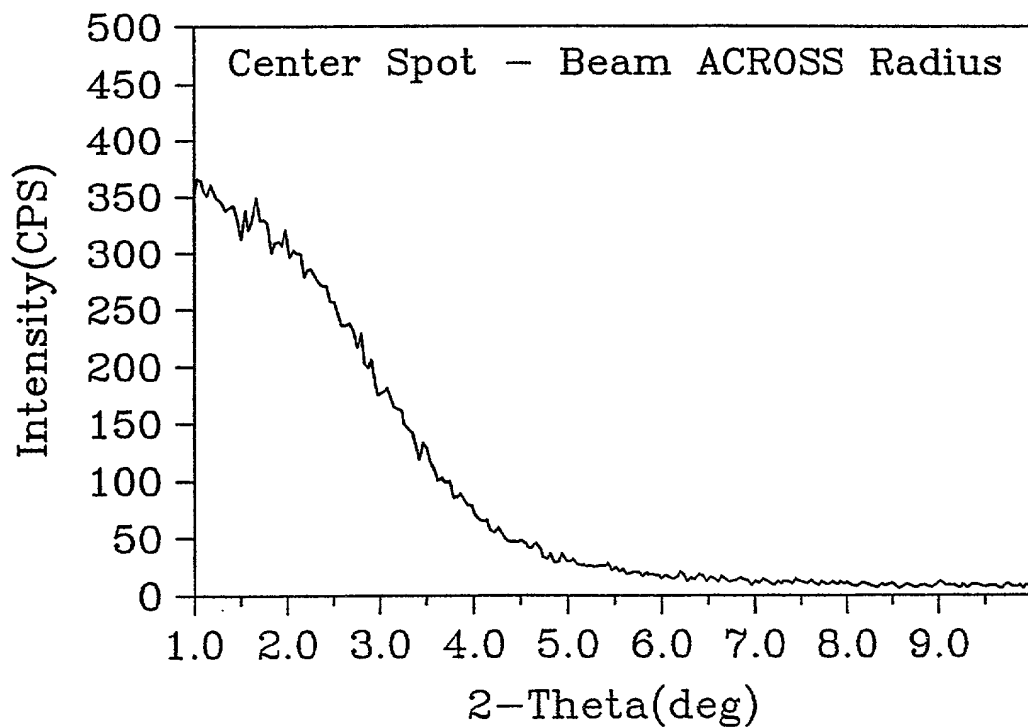
*Fig. 2*



*Fig. 3*



*Fig. 4a*



*Fig. 4b*

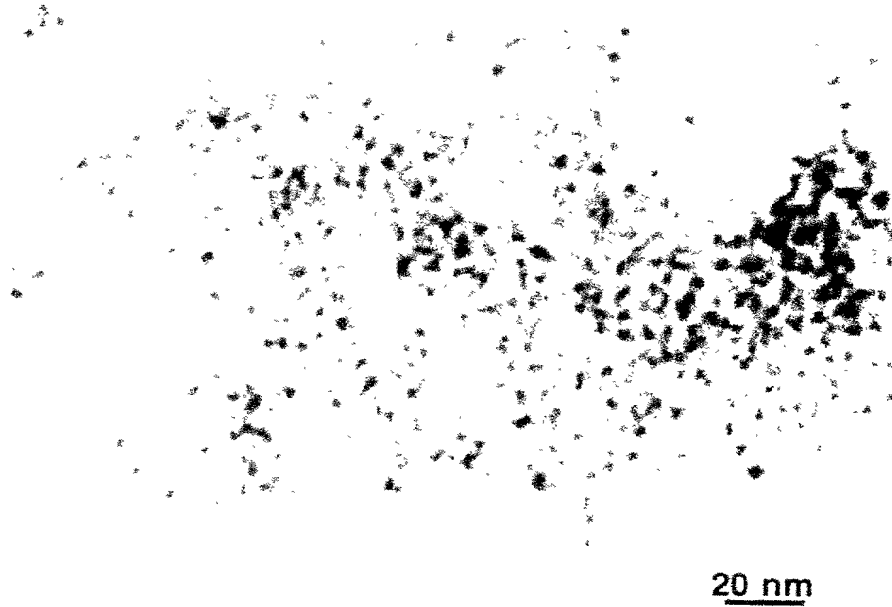
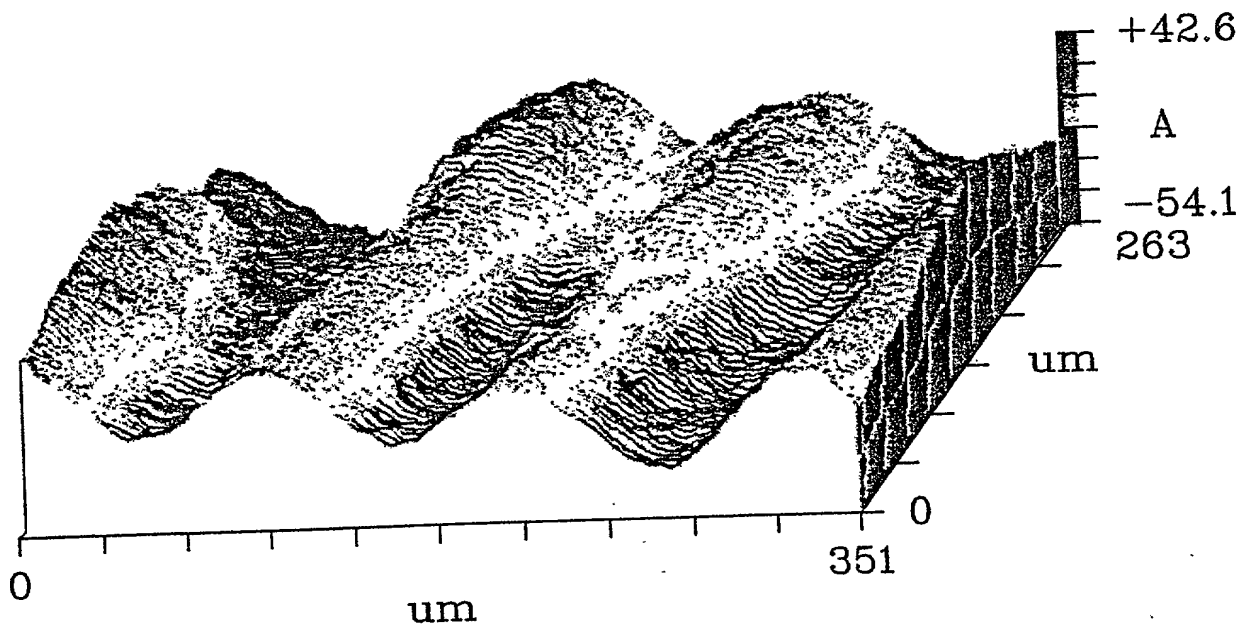
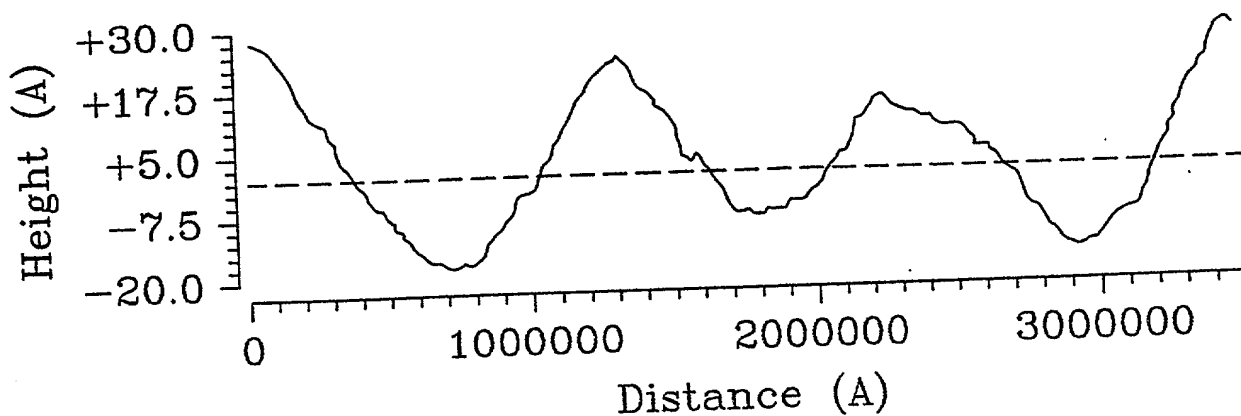


Fig. 5

09037035 091201  
10/27/00 5:22:00 PM

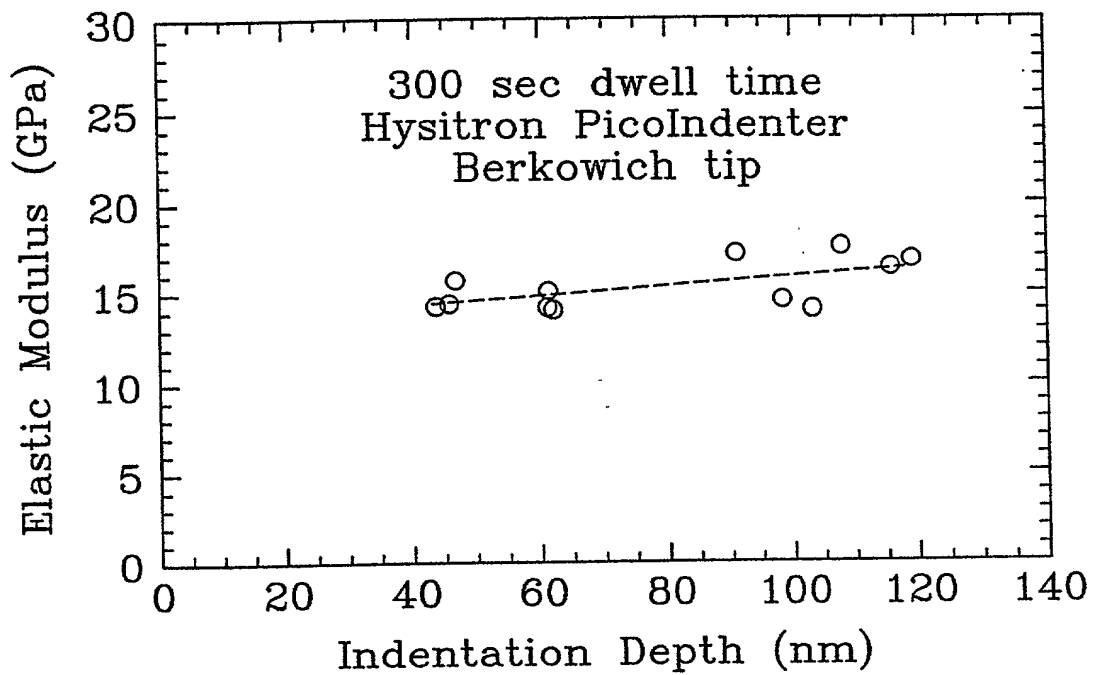


*Fig. 6a*

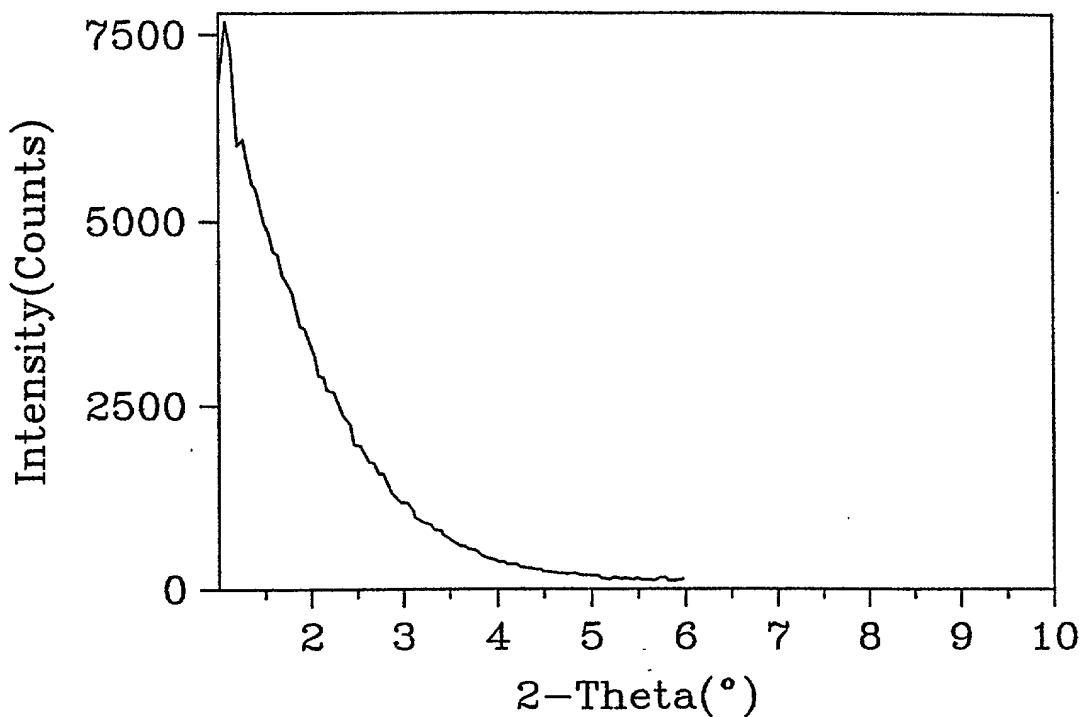


*Fig. 6b*

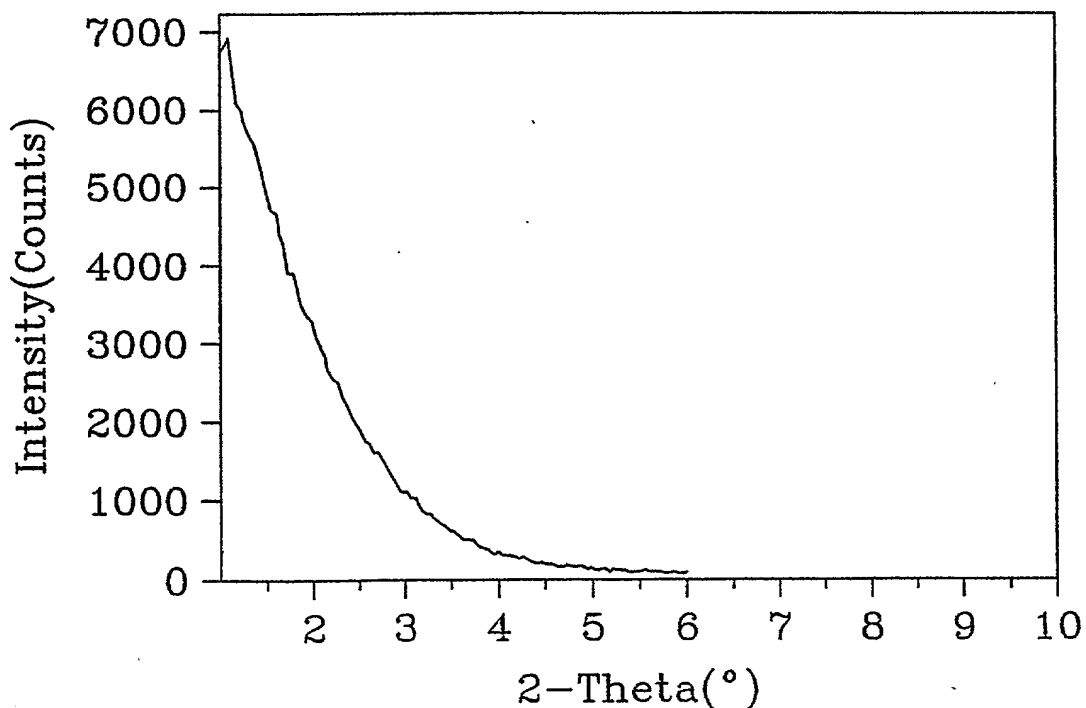
Modulus between 14 and 17 GPa  
obtained for 50–300 microNewton loads



*Fig. 7*

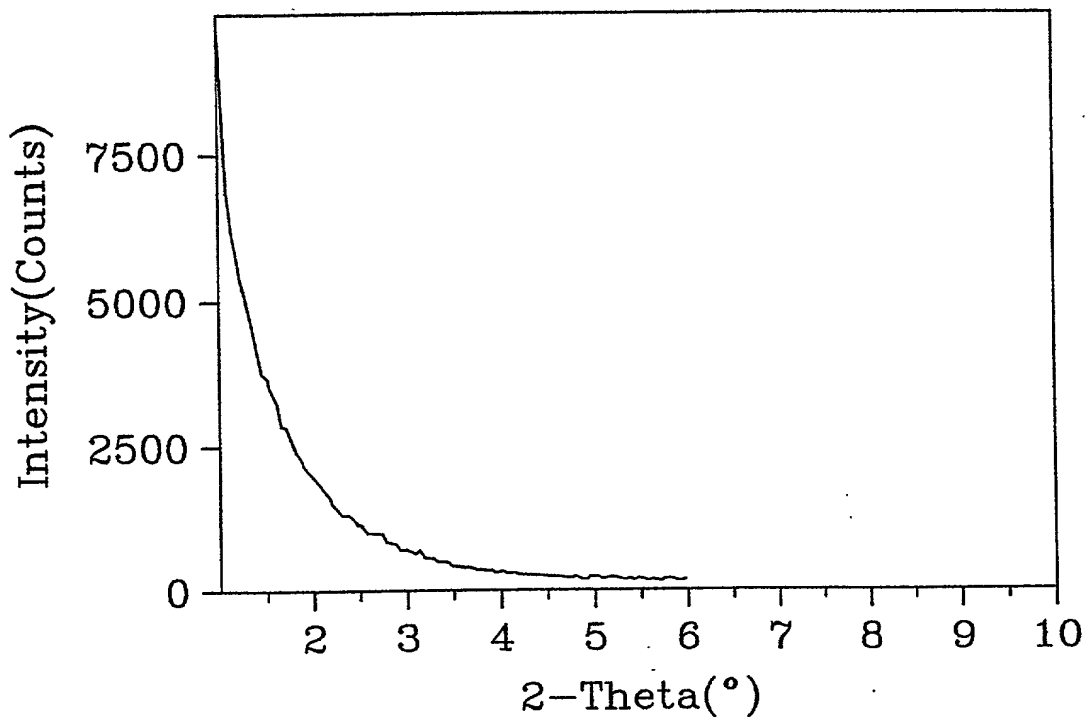


*Fig. 8a*

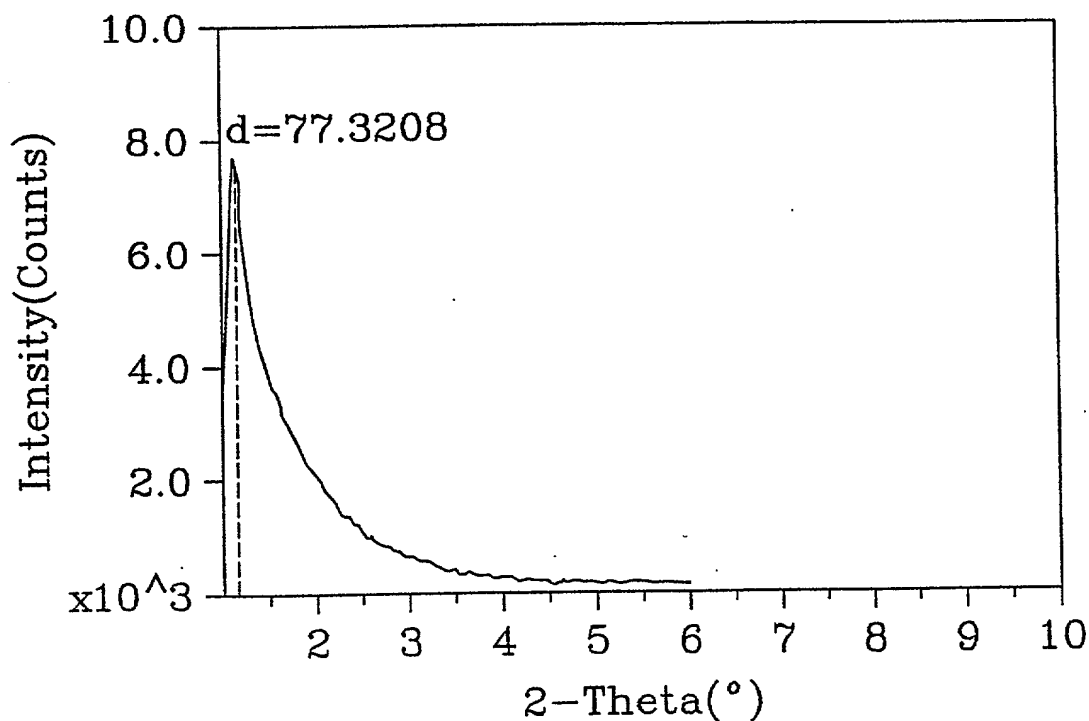


*Fig. 8b*

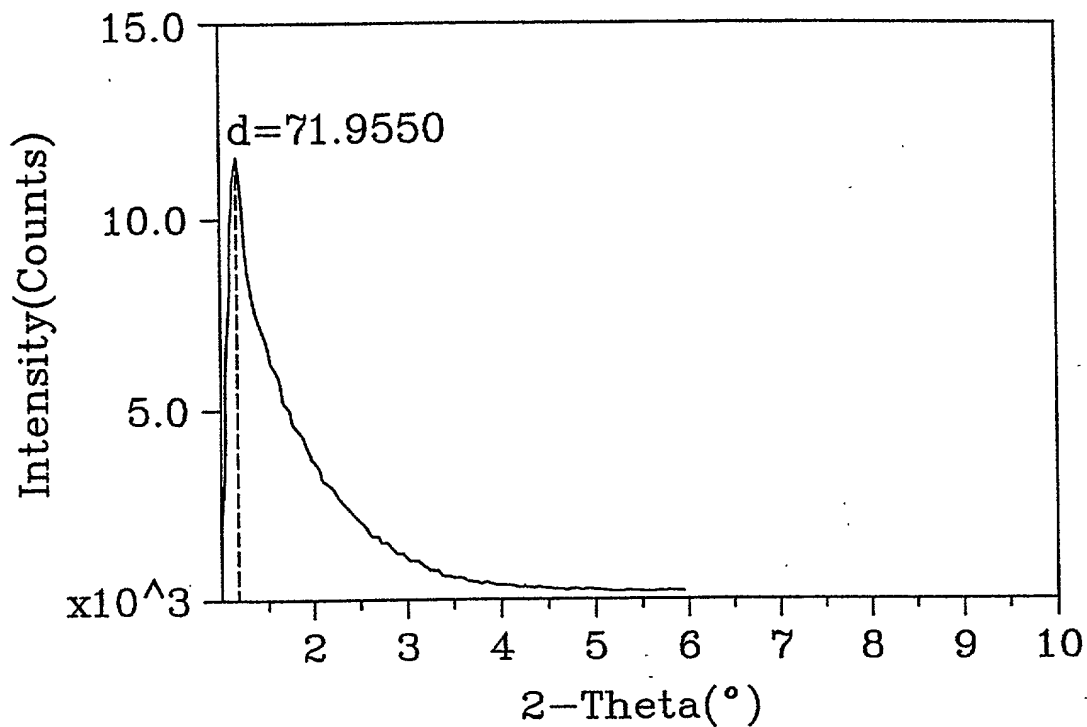




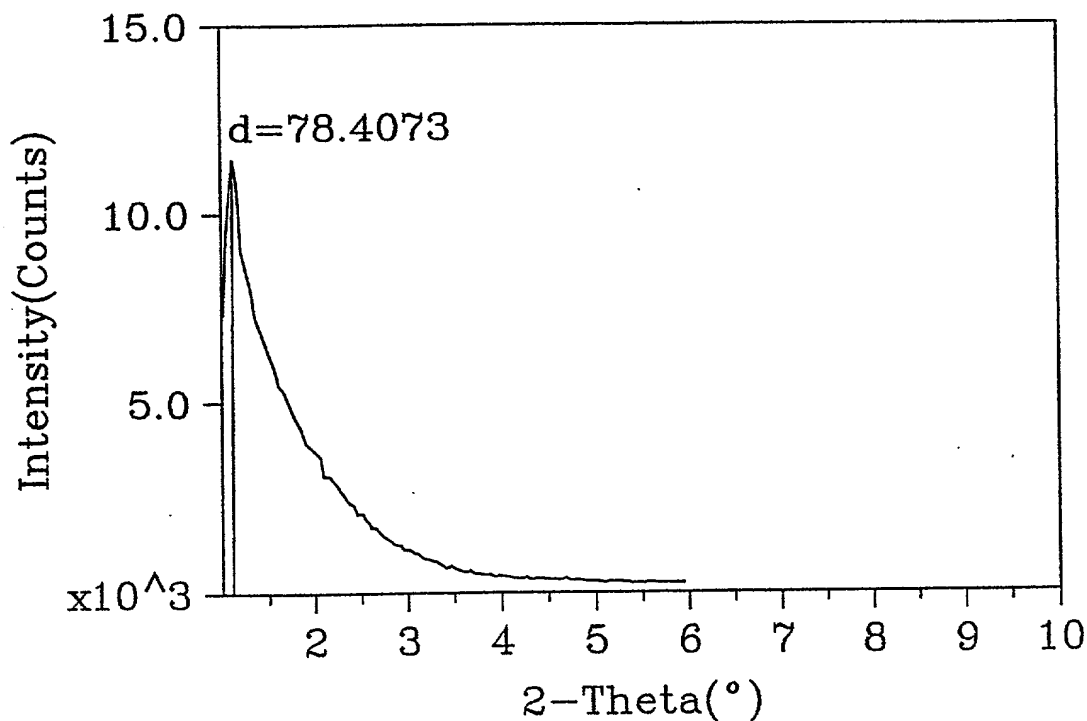
*Fig. 9a*



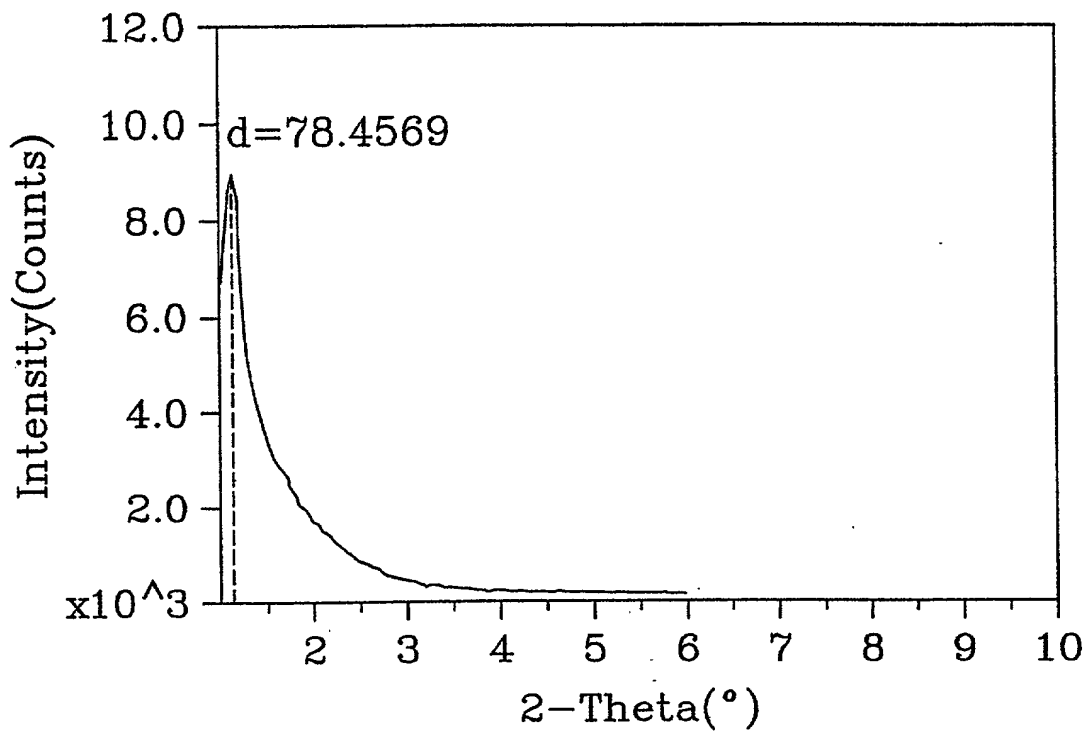
*Fig. 9b*



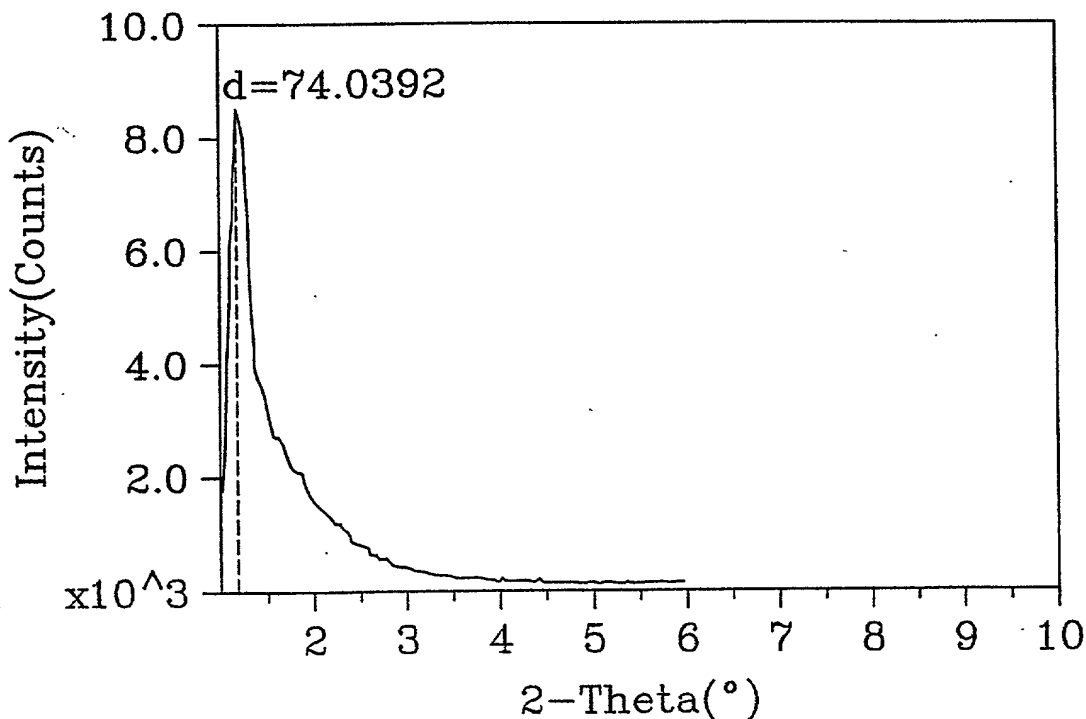
*Fig. 10a*



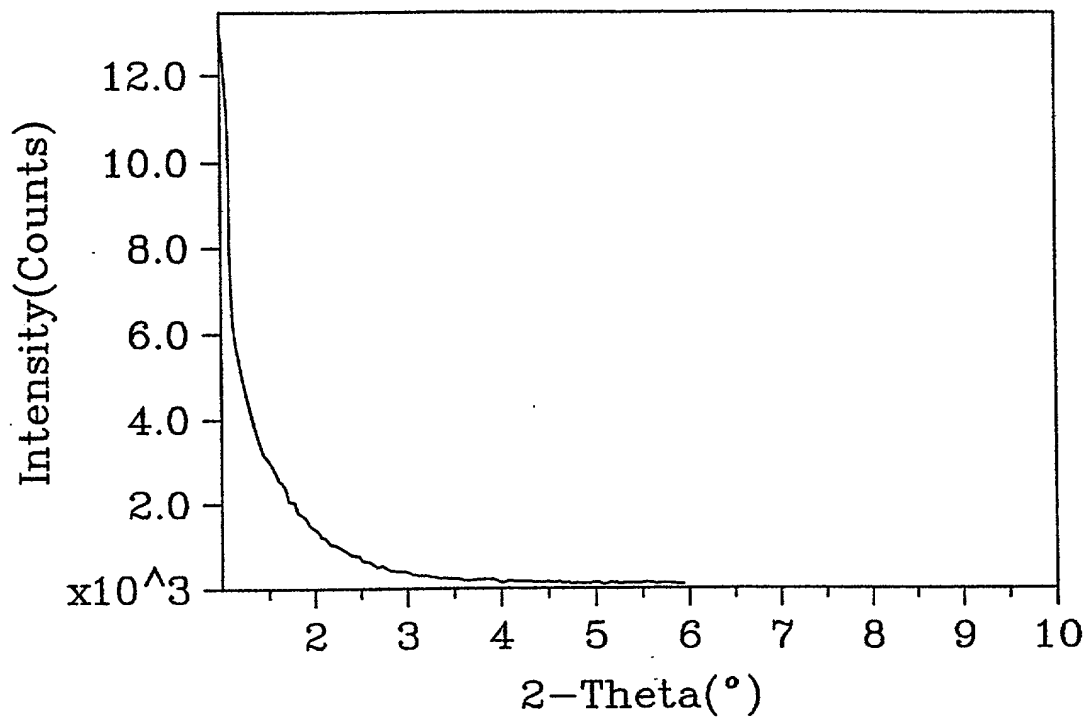
*Fig. 10b*



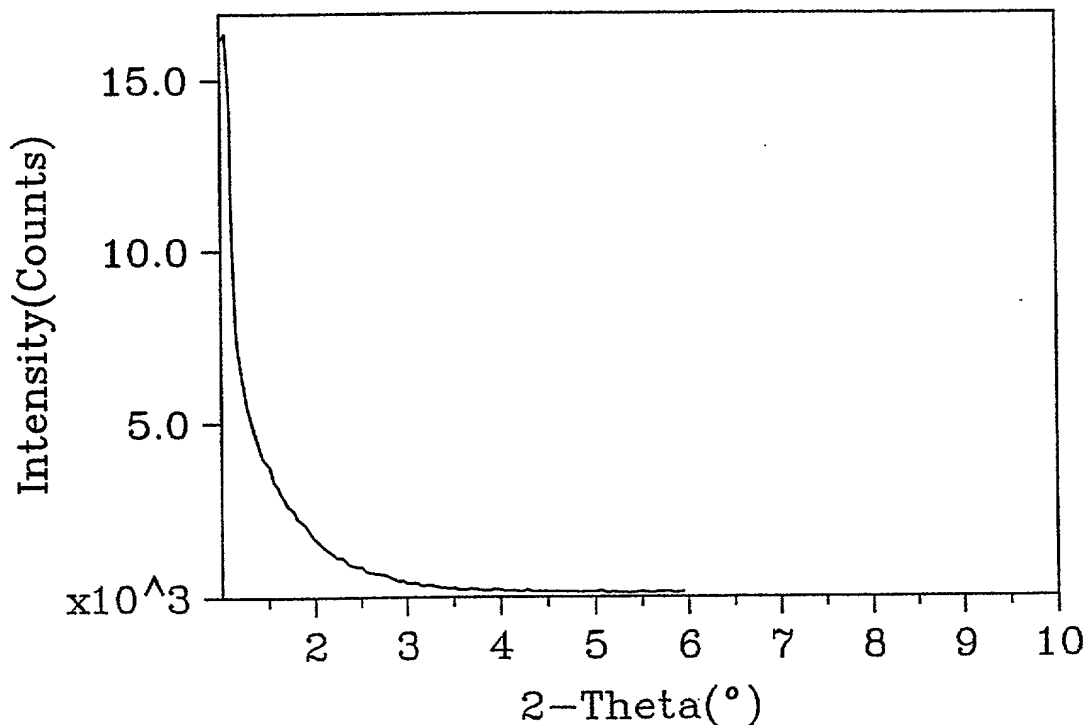
*Fig. 11a*



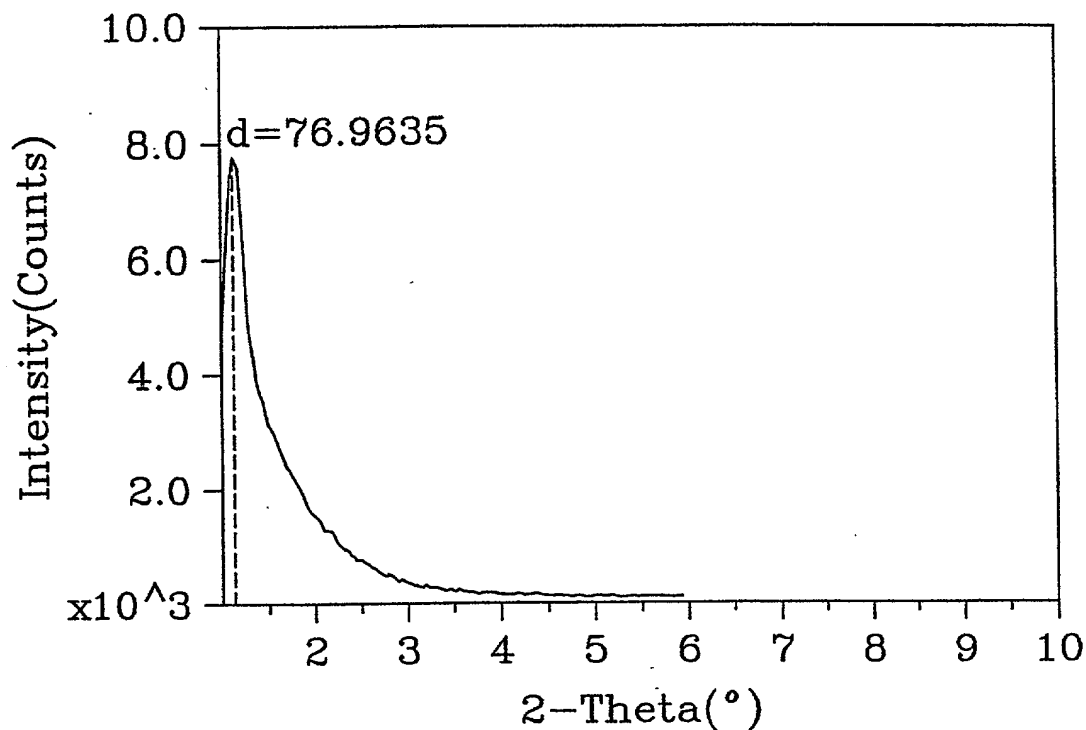
*Fig. 11b*



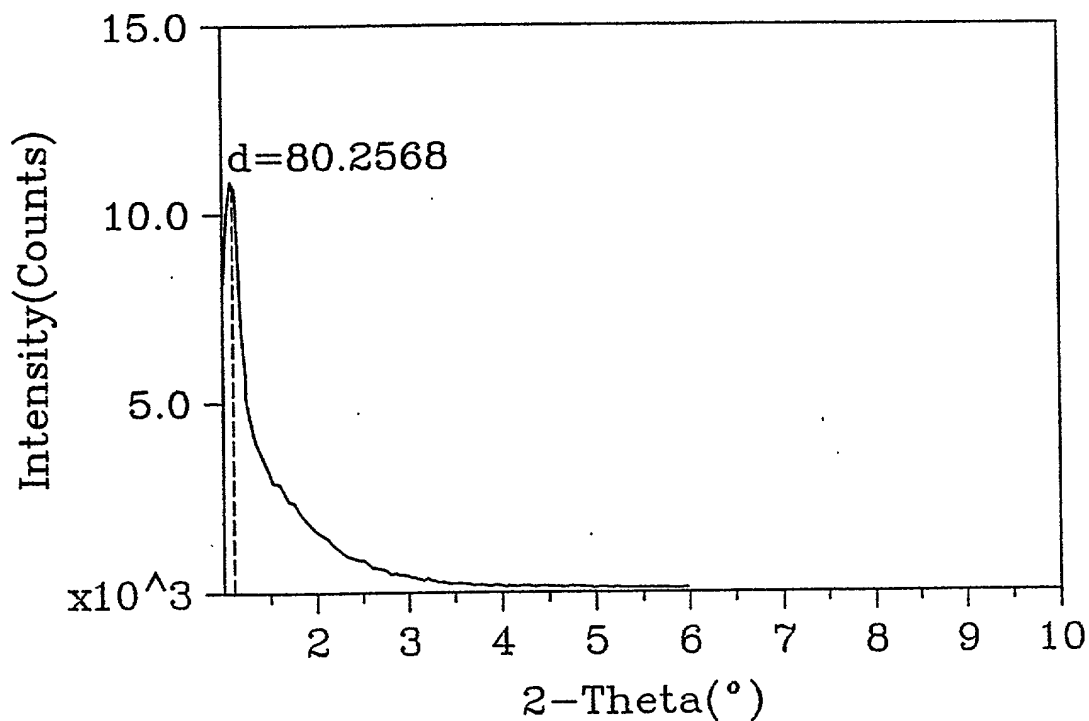
*Fig. 12a*



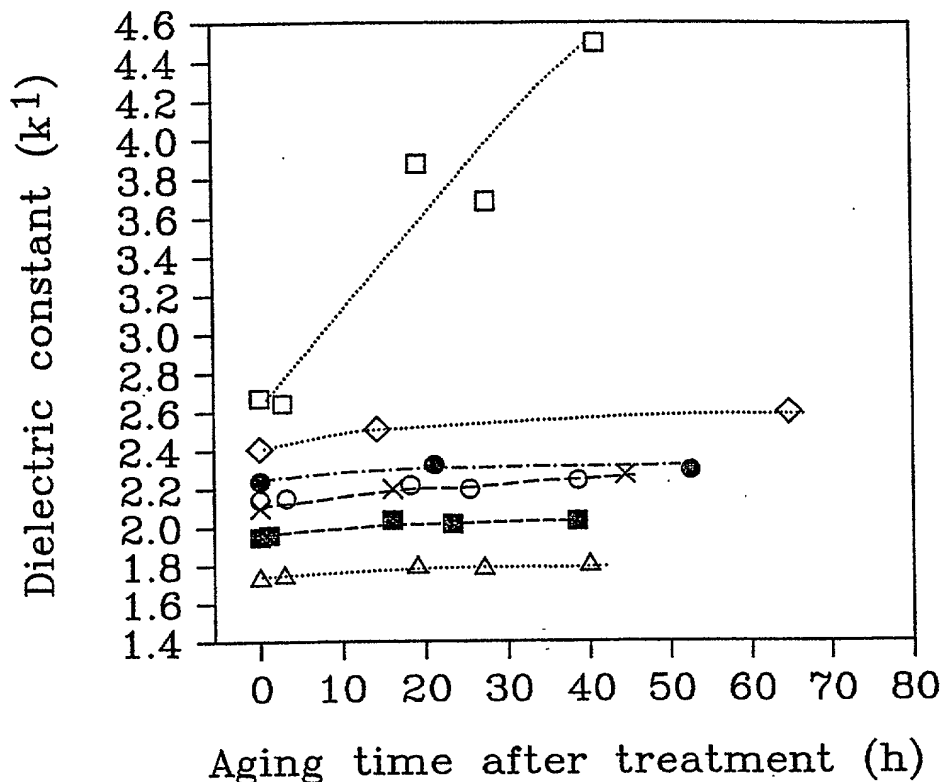
*Fig. 12b*



*Fig. 12c*



*Fig. 12d*



- 2%H<sub>2</sub>,2h,400°C (103-2-1-B1)
- ◇ HMDS (L)>>2%H<sub>2</sub>,2h,400°C (XL-92-2)
- HMDS (L)>>2%H<sub>2</sub>,2h,400°C>>HMDS(L) (103-2-I-A1)
- △ HMDS (L)>>2%H<sub>2</sub>,2h,400°C>>HMDS(L)>>2%H<sub>2</sub>,2h,400°C (103-2-I-A2)
- HMDS (L)>>Ar,2h,400°C (103-2-1-B2)
- HMDS (L)>>Ar,2h,400°C>>HMDS(L) >>Ar,2h,400°C (112-1-III-D2)
- × HMDS spin coat>>2%H<sub>2</sub>,2h,400°C>>HMDS spin coat>>2%H<sub>2</sub>,2h,400°C (103-2-1-C1)

*Fig. 13*